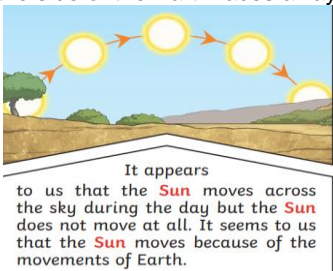
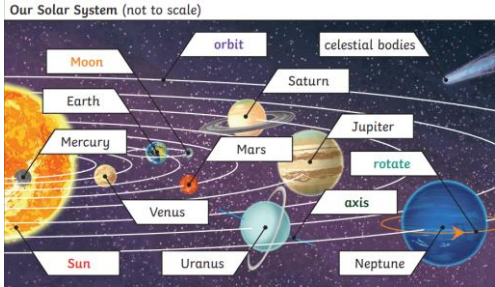
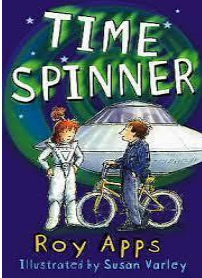




Key Facts	Diagram/Investigations	
<ul style="list-style-type: none"> <li>Mercury, Venus, Earth and Mars are Rocky Planets - made up of metal and rock.</li> <li>Jupiter, Saturn, Uranus and Neptune - mostly made up of gases (helium and hydrogen) although they do have cores made up of rock and metal.</li> <li>The moon orbits the Earth in an oval shaped path whilst spinning on it's axis. At various times in the month the moon appears to be different shapes. This is because the as the moon rotates around the Earth, the sun lights up different parts of it.</li> <li>Earth does a full rotation once every 24 hours. At the same times as rotating, the Earth is also orbiting the sun. It takes a little more than 365 days to orbit the sun.</li> <li>Daytime occurs when the side of the Earth is facing the sun. Night time is when the side of the Earth faces away from the sun.</li> </ul>  <p>It appears to us that the <b>Sun</b> moves across the sky during the day but the <b>Sun</b> does not move at all. It seems to us that the <b>Sun</b> moves because of the movements of Earth.</p>	<p>Investigate evidence that the Earth is round vs the Earth is flat.</p> <p>To order the planets in the solar system and research facts about them.</p> <p>To explain how day and night occurs by investigating shadow movement.</p> <p>To explore the different seasons.</p> <p>To investigate the different phases of the moon.</p> 	
Key Learning:	Prior Learning:	Books to support/ Enrichment Opportunities:
<p>Describe the movement of Earth and other planets, relative to the sun.</p> <p>Describe the movement of the Moon relative to the Earth.</p> <p>Describe the Sun, Earth and moon as approximately spherical bodies.</p> <p>Understand why the sun seems to move across the sky, rising In the East and setting in the West.</p>	<p>Children will have an understanding about forces and their effect including gravitational pull from Y5 Science unit.</p>	<p>Joddrell Bank visit</p> 

Subject Specific Vocabulary	
Key word	Definition
<b>Sun</b>	A huge star that Earth and the other planets in our solar system orbit around.
<b>Star</b>	A giant ball of gas held together by it's own gravity.
<b>Moon</b>	A natural satellite that orbits Earth or other planets.
<b>Planet</b>	A large object, round or nearly round that orbits a star.
<b>Sphere</b>	A 3D shape in the shape of a ball.
<b>Orbit</b>	To move in a regular curved path around another object.
<b>Axis</b>	An imaginary line that a body rotates around.(eg the Earth's axis runs from North to South Pole).